Amendments to the Claims:

Claim 1 (original): A computer-implemented method for automatically tuning a size of a TCP receive window, comprising:

(a) determining a bandwidth of a network connection; and

(b) automatically tuning the size of the TCP receive window based on the determined bandwidth.

Claim 2 (original): The method of Claim 1, wherein determining the bandwidth of the network connection, further comprises:

(i) obtaining at least one attribute of a network connection device; and

(ii) determining the bandwidth of the network connection from the at least one obtained attribute.

Claim 3 (original): The method of Claim 2, wherein automatically tuning the size of the TCP receive window based on the determined bandwidth further comprises:

(i) determining the size of the TCP receive window based on the determined bandwidth; and

(ii) setting the size of the TCP receive window to the determined size.

Claim 4 (original): The method of Claim 3, wherein determining the size of the TCP receive window based on the determined bandwidth further comprises accessing the size of the TCP receive window from a look-up table.

Claim 5 (original): The method of Claim 2, wherein determining the at least one attribute of the network connection device further comprises determining a speed of the network connection device or a name of the network connection device.

Claim 6 (original): The method of Claim 1, further comprising:

(c) monitoring the network connection to determine if the network connection has changed; and

(d) tuning the size of the TCP receive window if the network connection has changed.

Claim 7 (original): A computer-readable medium having computer-executable instructions for automatically tuning a size of a TCP receive window, comprising:

(a) determining a throughput of a connection; and

(b) tuning the size of the TCP receive window based on the determined throughput of the connection.

Claim 8 (original): The computer-readable medium of Claim 7, further comprising:

(c) monitoring the throughput of the connection to determine if the throughput of the connection has changed; and

(d) automatically tuning the size of the TCP receive window if the throughput of the connection has changed.

Claim 9 (original): The computer-readable medium of Claim 8, wherein determining the throughput of the connection, further comprises:

(i) polling a network connection device for at least one attribute; and

(ii) receiving the at least one attribute from the network connection device; and

(iii) determining the throughput of the connection from the at least one received attribute.

Claim 10 (original): The computer-readable medium of Claim 9, wherein automatically tuning the size of the TCP receive window based on the determined throughput further comprises:

(i) looking up the size of the TCP receive window based on the determined throughput, and

(ii) setting the size of the TCP receive window to the looked up size.

Claim 11 (original): A system for automatically tuning a size of a receive window, comprising:

(a) a processor and a computer-readable medium;

(b) an operating environment stored on the computer-readable medium and executing on the processor;

(c) a network connection device operating under the control of the operating environment; and

(d) an automatic tuning device operating under the control of the operating environment and operative to perform actions, including:

(i) determining a bandwidth of the network connection; and

(ii) setting the size of the receive window based on the determined bandwidth.

Claim 12 (original): The system of Claim 11, wherein determining the bandwidth of the network connection device, further comprises:

(1) obtaining at least one attribute of the network connection device; and

(2) determining the bandwidth of the network connection device from the at least one attribute.

Claim 13 (original): The system of Claim 12, wherein obtaining the at least one attribute of the network connection device further comprises determining a speed of the network connection device or a name of the network connection device.

Claim 14 (original): The system of Claim 13, further comprising:

(e) monitoring the network connection device to determine if the network connection device has changed; and

(f) tuning the size of the receive window if the network connection device has changed.

Claim 15 (new): The method of Claim 1, wherein automatically tuning the size of the TCP receive window based on the determined bandwidth further comprises determining the size of the TCP receive window from a look-up table based on the determined bandwidth.

Claim 16 (new): The method of Claim 1, wherein automatically tuning the size of the TCP receive window based on the determined bandwidth further comprises determining a current operating system and setting the size of the TCP receive window based on the determined bandwidth and the operating system.

Claim 17 (new): The method of Claim 2, wherein the at least one attribute is a name of a network connection device.

Claim 18 (new): The computer-readable medium of Claim 7, wherein tuning the size of the TCP receive window based on the determined throughput of the connection comprises sizing the TCP receive window based on a type of network connection device.

Claim 19 (new): The system of Claim 11, wherein automatically tuning the size of the TCP receive window based on the determined bandwidth further comprises determining the size of the TCP receive window by accessing a look-up table based on the determined bandwidth.

Claim 20 (new): The system of Claim 11, wherein automatically tuning the size of the TCP receive window based on the determined bandwidth further comprises determining a version of the operating environment executing on the processor and setting the size of the TCP receive window based on the determined bandwidth and the operating environment.